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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/764,617	01/16/2001	Gene A. Bornzin	A01P1002	7875

7590 08/12/2003
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EXAMINER

OROPEZA, FRANCES P

ART UNIT	PAPER NUMBER
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3762

DATE MAILED: 08/12/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/764,617

Applicant(s)

Examiner

Frances P. Oropeza

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 6/24/03 (Amendment).
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response filed 6/24/03

1. The Applicant's arguments filed 6/24/03 have been fully considered and are convincing. The rejections of record are withdrawn and a new grounds of rejection established in the subsequent paragraphs.

Claim Rejections - 35 USC § 102

2. Claims 1-9, 13-20 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Mann et al. (US 5833623). Mann et al. disclose a system for facilitating rapid retrieval of atrial and ventricular capture test data, providing a visual representation of the presence and absence of captured cardiac events (figure 1; col. 3 @ 7-14; col. 7 @ 50-52 & 58-66; col. 9 @ 20-24; col. 8 @ 12-24 & 31-36; col. 8 @ 65 – col. 9 @ 2; col. 10 @ 60-63; col. 13 @ 62 – col. 14 @ 9; Table 1 – Vent Capture, Atrial Capture, Loss of Capture).

Claim Rejections - 35 USC § 103

3. Claims 10-12 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mann et al. (US 5833623) in view of Stroebel (US 5861012). As discussed in paragraph 2 of this action, Mann et al. disclose the claimed invention except for selectively activating a means to automatically assess a pacing threshold value, add a safety margin, recommend the pacing amplitude and pulse width, and display the recommended pacing amplitude and pulse width for practitioner review.

Stroebel teaches stimulation threshold measurements using selective activation of a means to automatically assess a pacing threshold value, add a safety margin, recommend the pacing amplitude and pulse width, and display the recommended pacing amplitude and pulse

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width for practitioner review for the purpose of periodically updating the pacing parameters and providing the practitioner with feedback on the cardiac performance. It would have been obvious to one having ordinary skill in the art at the time of the invention to have used using selective activation of a means to automatically assess a pacing threshold value, add a safety margin, recommend the pacing amplitude and pulse width, and display the recommended pacing amplitude and pulse width for practitioner review in the Mann et al. system in order more frequently define the pacing parameters to minimize the energy usage, hence optimizing battery performance and to provide the practitioner with comprehensive data to optimize the cardiac therapy (col. 3 @ 42-49; col. 4 @ 25-32; col. 5 @ 38-45; col. 8 @ 51-60; col. 11 @ 56-66; col. 19 @ 65 – col. 20 @ 7; col. 27 @ 16-19).

Statutory Basis

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Conclusion

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Fran Oropeza, telephone number is (703) 605-4355. The Examiner can normally be reached on Monday – Thursday from 6 a.m. to 4:30 p.m.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Angela D. Sykes can be reached on (703) 308-5181. The fax phone number for the organization where this application or proceeding is assigned is (703) 306-4520 for regular communication and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Receptionist, telephone number is (703) 308-0858.

Frances P. Oropeza
Patent Examiner
Art Unit 3762

8/1/03

Angela D. Sykes

ANGELA D. SYKES
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